



imgix Commerce Cloud Integration Documentation

v22.1.0

January 7, 2021

Introduction	4
Installation Guide	5
Install the extension	5
Download the cartridges	5
Install the dependencies	5
Install the cartridges in the sandbox	6
Upload the cartridge to the sandbox	6
Create a dw.json file at the download folder's root directory.	6
Install the Prophet Extension	6
Enable uploading in the Prophet extension	7
Update the cartridge path	8
Upload custom imgix preferences metadata	11
Create an imgix account	12
Creating an imgix source for product images	12
Configure the Cartridge Site Preferences	13
Setup the imgix B2C Commerce Cloud Chrome extension	15
Verifying that the installation was successful	15
Usage Guide	20
Access imgix Image Manager through Page Designer	20
Add the Page Designer imgix Image Component	20
Select your image in Image Manager	23
Edit your image in the imgix Image Component editor	24
Save your changes	24
Integrating product images with imgix	24
Use the imgix Chrome extension to select product images	25
Advanced product images integration	31
Adding srcsets to product images	31

Using the imgix SDK to set custom imgix attributes on images	32
Failover/Recovery process	34
Specifications	35
imgix Cartridges Version	35
Locales	35
Compatibility mode	35
SFRA version	35
Support	36

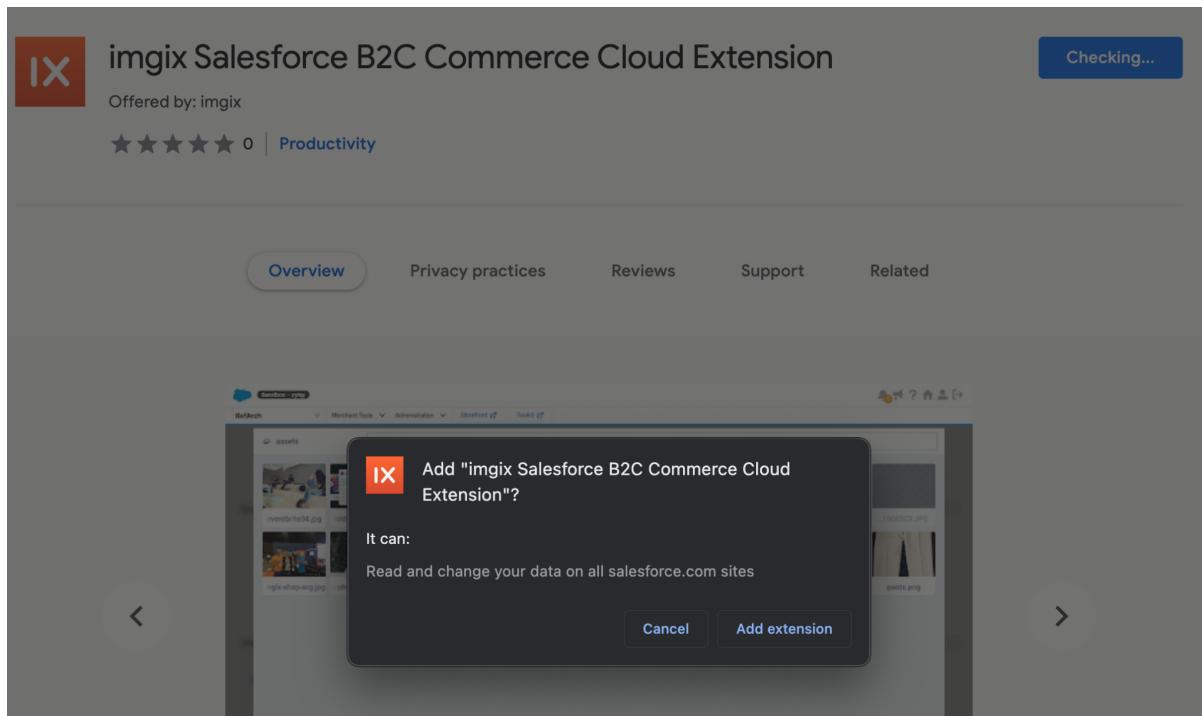
Introduction

The imgix cartridge allows users to add images from imgix's [Image Manager](#) quickly and easily to Page Designer, and to integrate Product images with imgix. Leverage the power of imgix's Image Manager to search, transform, and insert images seamlessly; all from within Commerce Cloud. imgix is a powerful image service that optimizes images for any device and serves them quickly anywhere in the world. Choose the best images for your products and pages without thinking twice about proper formats, correct sizing, or minimizing image weight without sacrificing visual quality.

Installation Guide

Install the extension

Add the imgix Salesforce B2C Commerce Cloud Extension from the [Chrome Web Store](https://chrome.google.com/webstore/detail/imgix-salesforce-b2c-comm/gmfflibdpapnjljaljafjeehlbgjbenhj) (<https://chrome.google.com/webstore/detail/imgix-salesforce-b2c-comm/gmfflibdpapnjljaljafjeehlbgjbenhj>).



Download the cartridges

You can download the cartridges from their GitHub [repository](https://github.com/imgix/sf-commerce-cloud) (<https://github.com/imgix/sf-commerce-cloud>).

Install the dependencies

Browse to the downloaded repository and install the dependencies.

```
$ cd sf-commerce-cloud/  
$ npm i
```

Install the cartridges in the sandbox

You can alternatively use [Salesforce UX Studio](#) or the [sgmf-scripts tool](#) to upload and link your cartridges. Look to their [documentation](#) for information on how to upload using them.

We recommend you open the downloaded cartridges folder in [VSCode](#) and use the [Prophet](#) extension to upload the cartridge.

Upload the cartridge to the sandbox

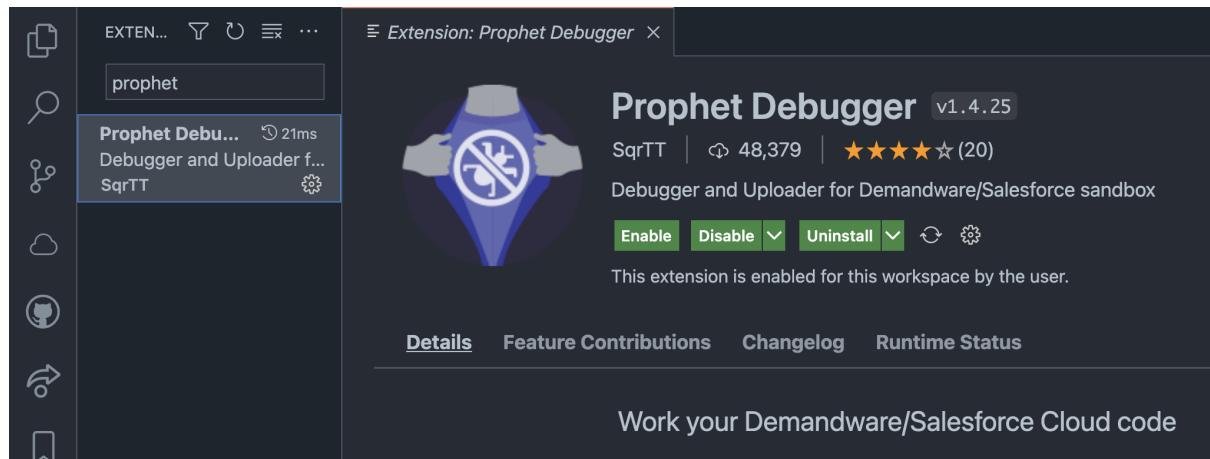
1. Create a `dw.json` file at the download folder's root directory.

This file stores your SFCC credentials. The Prophet extension will use this file to read from and write to your SFCC sandbox.

```
{  
  "hostname": "your-sandbox-hostname.demandware.net",  
  "username": "your-login",  
  "password": "your-password",  
  "version": "code-version-to-upload-to"  
}
```

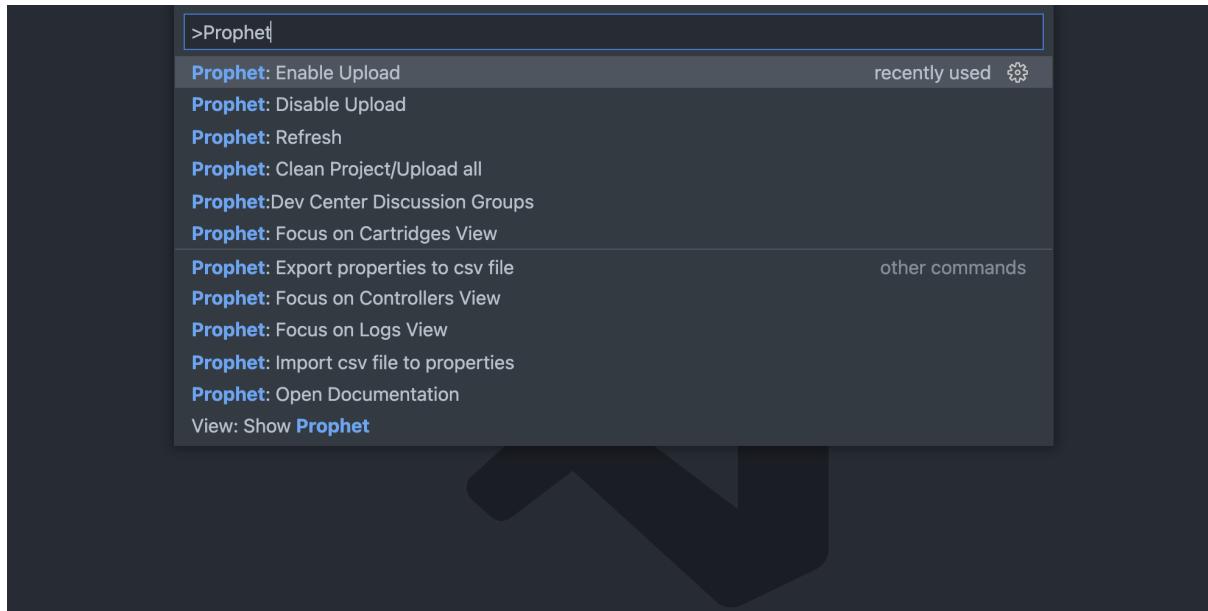
2. Install the Prophet Extension

The [Prophet](#) extension allows you to manage your SFCC cartridges inside VSCode. You can download it here: <https://marketplace.visualstudio.com/items?itemName=SqrTT.prophet>

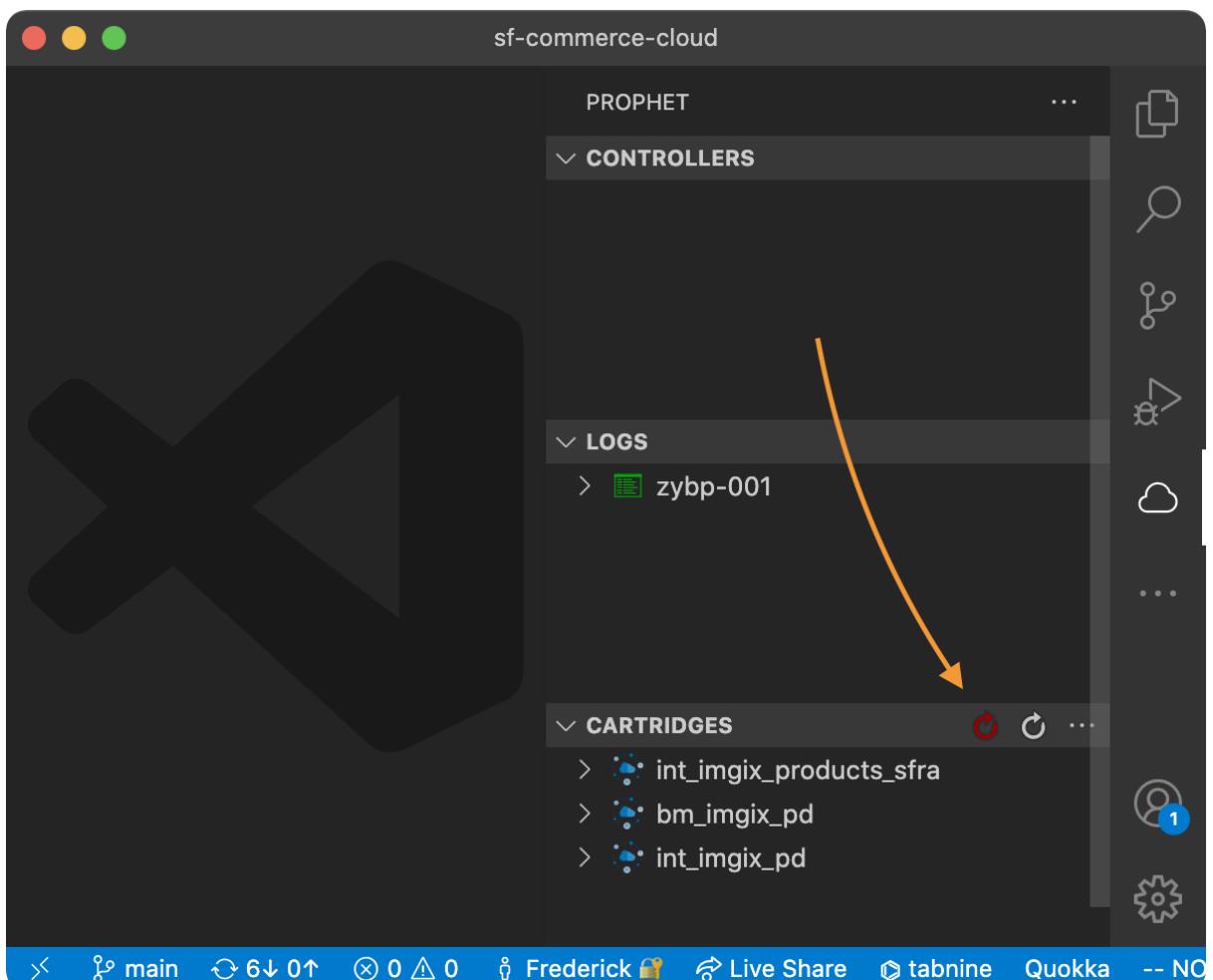


3. Enable uploading in the Prophet extension

Once it's installed, open the VSCode command palette and search for and select Prophet: enable upload.



Then, in the Prophet extension, click on the red circle-arrow to force upload all the detected cartridges. Make sure you select “Leave All” if a dialog asks you if you would like to leave existing cartridges.



4. Update the cartridge path

Once the cartridges are linked to your sandbox, the Business Manager and Site cartridge paths need to be updated to include them.

Go to Administration > Sites > Manage Sites and select the correct site.

Salesforce

Sandbox - zybp
Select a Site ▾

Merchant Tools ▾

Administration ▾

Administration feature lookup...

Replication

- Data Replication
- Code Replication

Organization

- Organization Profile
- Users
- Roles & Permissions
- Permission Audit
- WebDAV Client Permissions

Sites

- Manage Sites**
- Customer Lists
- Content Libraries
- Batch Processes
- Embedded CDN Settings

Site Development

- Development Setup
- Code Deployment
- System Object Types
- Custom Object Types
- Custom Error Pages
- Custom Maintenance Pages
- Deprecated API Usage
- Import & Export
- Site Import & Export
- Open Commerce API Settings
- Salesforce Commerce API Settings
- Customer Service Center Settings

Glob:

- Locales
- Instance Tir
- Change His
- OAuth2 Pro
- Security
- JavaScript a
- Store Locati
- Feature Swi
- Order Searc
- Sequence N
- Products
- Retention S
- Import & E

Then, browse to the Settings tab and add `int_imgix_pd` and `int_imgix_products_sfra` to the cartridge path.

Storefront Sites

The list shows all Storefront sites defined in this organization.
Click **New** to create a new site. Click **Delete** to delete an existing site and all its content.
Click the site name to edit the site settings. Use the **Up** and **Down** buttons to define the order in which sites appear throughout the Business Manager.

Select All	Name	ID	Status	Sorting
<input type="checkbox"/>	RefArch → your site name may vary	RefArch	Online	
<input type="checkbox"/>	RefArchGlobal	RefArchGlobal	Online	

Refresh **New** **Delete**

RefArch - Settings

Click **Apply** to save the details. Click **Reset** to revert to the last saved state.

Instance Type:	Sandbox/Development ▾
Deprecated. The preferred way of configuring HTTP and HTTPS hostnames is by using new features of the site aliases configuration ("SEO > Aliases Configuration").	
HTTP Hostname:	<input type="text"/>
HTTPS Hostname:	<input type="text"/>
Instance Type:	All
Cartridges:	int_imgix_products_sfra:int_imgix_pd:app_storefront_base
Effective Cartridge Path:	int_imgix_pd:app_storefront_base:plugin_apple_pay:plugin_facebook:plugin_payn

Next, go to Administration > Sites > Manage Sites > Business Manager > Settings and add `bm_imgix_pd` to the cartridge path.

Administration > [Sites](#) > Manage Sites

Storefront Sites

The list shows all Storefront sites defined in this organization.

Click **New** to create a new site. Click **Delete** to delete an existing site and all its content.

Click the site name to edit the site settings. Use the **Up** and **Down** buttons to define the order in which sites appear throughout the I

Select All	Name
<input type="checkbox"/>	RefArch
<input type="checkbox"/>	RefArchGlobal
Refresh	

Business Manager Site

Manage the [Business Manager](#) site.

Business Manager - Settings

Click **Apply** to save the details. Click **Reset** to revert to the last saved state.

Instance Type: [Sandbox/Development](#) ▾

Deprecated. Up to two instance specific hostname aliases for Business Manager can be configured here.

HTTP Hostname:

HTTPS Hostname:

Instance Type: All

Cartridges:

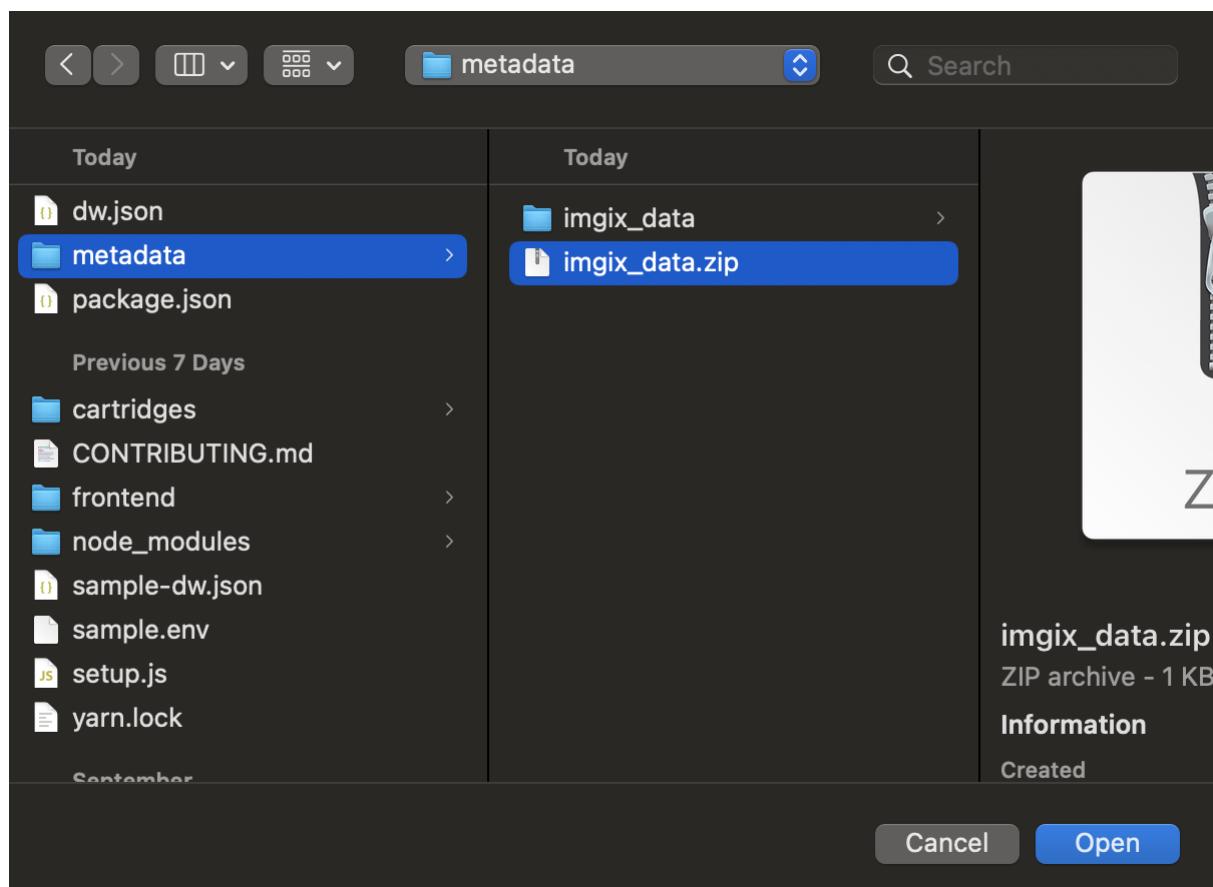
Effective Cartridge Path: app_business_manager:plugin_apple_pay:plugin_facebook:plugin_payments:plugin_

5. Upload custom imgix preferences metadata

Go to Administration > Site Development > Site Import & Export. In the import section, select “Choose file”.

The screenshot shows the 'Import' page with the title 'Import' at the top. Below it is a note: 'You can delete a file only if it's a local file or if you're logged into the instance where the file was created.' Under the heading 'Upload Archive:', there are two radio buttons: 'Local' (selected) and 'Remote'. Below these are two input fields: 'Choose File' (containing 'No file chosen') and an 'Upload' button. The entire interface has a light gray background with green text for the title and blue text for the upload status.

Select `imgix_data.zip` from the repository's `metadata` folder and click Open.



Click Upload.

Upload Archive:

Local Remote

imgix_data.zip



Then click Import.

Upload Archive:				
<input checked="" type="radio"/> Local <input type="radio"/> Remote				
<input type="button" value="Choose File"/> No file chosen <input type="button" value="Upload"/>				
Select	Name ▲		Location	Delete Allowed?
<input checked="" type="radio"/>	instance/imgix_data.zip	local	Yes	2.09 KB 12/9/21 6:19:45 pm
<input type="radio"/>	SiteGenesis Demo Site			
<input type="radio"/>	Storefront Reference Architecture Demo Sites			
<input type="button" value="Import"/> <input type="button" value="Delete"/>				

And, finally, click OK.

Are you sure that you want to import the selected archive?

Upload Archive:

Local Remote

No file chosen

Select	Name ▲	Location	Delete Allowed?	File Size	Last Modified
<input checked="" type="radio"/>	instance/imgix_data.zip	local	Yes	2.09 KB	12/9/21 6:19:45 pm
<input type="radio"/>	SiteGenesis Demo Site				
<input type="radio"/>	Storefront Reference Architecture Demo Sites				
<input type="button" value="Import"/> <input type="button" value="Delete"/>					

Create an imgix account

In order to use the cartridges, you need to have an imgix account. If you don't already have an imgix account, the easiest way to get started is to follow the steps outlined in the imgix [Quick Start Guide](#). This guide covers how to sign up, create an imgix source, add images, and much more. You can also follow the steps outlined in the imgix [Setup](#) documentation page.

Creating an imgix source for product images

This section configures an imgix source to point to Salesforce in order to render product images through imgix. If you do not want this feature to be enabled, you can skip this step.

Go to the [New Source page](#) on the imgix dashboard, and configure the source as follows:

Source Type: Web Folder

Base URL: The public path to your Commerce Cloud instance. If the URL to your site is <https://your-subdomain.dx.commercecloud.salesforce.com/on/demandware.store/Sites-RefArch-Site>, then set this value to

<https://your-subdomain.dx.commercecloud.salesforce.com>

imgix Image Subdomain: This can be anything you want

The screenshot shows the imgix dashboard interface. At the top, there's a dark navigation bar with the imgix logo and links for Dashboard, Sources (which is underlined in blue), Images, Analytics, Tools, and Support. On the right side of the header, there's a user profile for "Fred Fogerty" with the imgix logo and a dropdown arrow.

New Source

All Sources > New

 SIMPLE  ADVANCED

General

Source Type  Web Folder

Web Folder Settings

Base URL  https://your-subdomain.dx.commercecloud.salesforce.com

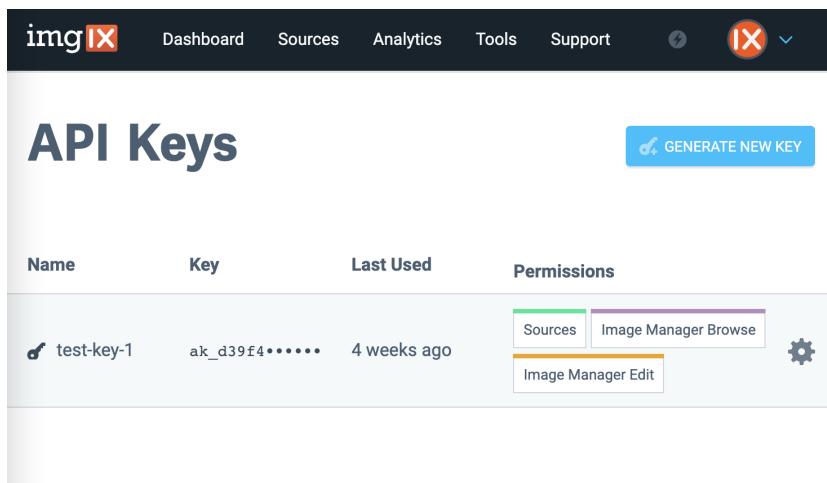
Domains

imgix Image Subdomain  https:// acme-cc .imgix.net
  

Then click Save. Keep the imgix subdomain noted somewhere for later.

Configure the Cartridge Site Preferences

First, you'll need to find your imgix account-specific [API key](#). To create a key, navigate to the [API Keys view](#) in your Dashboard.

The screenshot shows the "API Keys" view in the imgix dashboard. At the top, there's a header with the imgix logo and links for Dashboard, Sources, Analytics, Tools, Support, and a gear icon. Below the header, there's a "GENERATE NEW KEY" button. The main area displays a table of API keys. The table has columns for Name, Key, Last Used, and Permissions. A single row is shown, representing a key named "test-key-1" with the value "ak_d39f4*****". The "Last Used" column shows "4 weeks ago". The "Permissions" column shows a list of roles: "Sources", "Image Manager Browse", and "Image Manager Edit". There's also a gear icon next to the permissions list.

Next, go to Merchant Tools > Site Preferences > imgixAttributes.

Merchant Tools / Site Preferences /				
Custom Site Preference Groups ?				
View Across Sites	New			
<input type="text" value="Search by ID"/> Q T				
1-2 ▾ of 2				
ID	Name	Description	Preferences	View Across Sites
Storefront Configs	Storefront Configs	...	5	View
imgixAttributes	imgix Attributes		2	View

Here you can enter your imgix API key and any default parameters you would like to apply to your image assets. You can also enable/disable the imgix Page Designer and Products integrations entirely by setting the site preference for *Enable <Page Designer/Product Image> Integration* to “No”

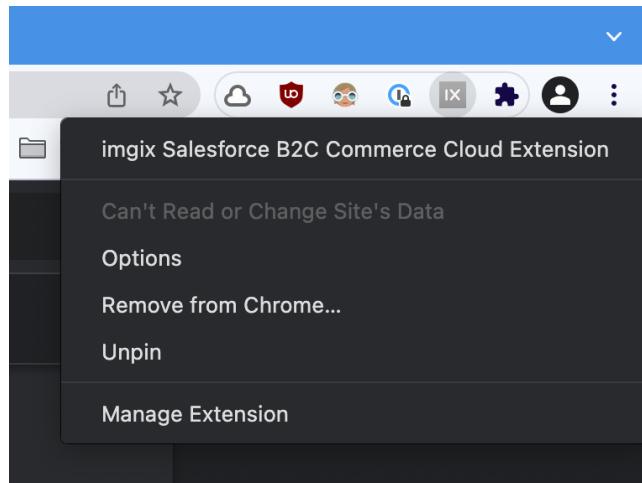
We recommend that you set the default parameters to `auto=format,compress`, which will ensure that imgix always delivers your images in the most performant format, and are compressed without sacrificing image quality. Make sure you set the default parameters for each integration you intend to use.

For the imgix Base URL field, set the value of the imgix subdomain you created in the “Creating an imgix source for product images” step. If you skipped that step, you can also skip this step. **Ensure that the value includes https://**.

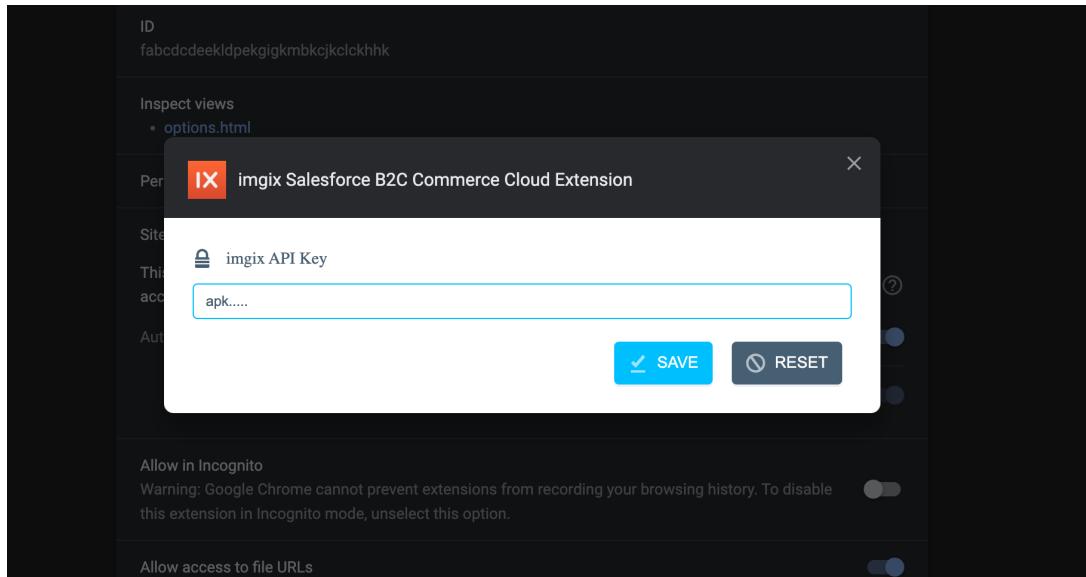
Merchant Tools / Site Preferences / Custom Site Preference Groups /			
imgix Attributes ?			
Cancel	Apply to Other Sites		
Save			
<input type="text" value="Instance Type"/> Sandbox			
<input type="text" value="Search by ID"/> Q T	1-6 ▾ of 6		
Name	Value	Default Value	
Enable Page Designer Integration <small>(imgixEnablePageDesigner)</small>	<input type="text" value="Yes"/>	<input type="text" value="Yes"/>	Edit Across Sites
<small>Default: Enabled. Enables/disables Page Designer component rendering.</small>	<small>Default: Enabled. Enables/disables Page Designer component rendering.</small>		
imgix API Key <small>(imgixApiKey)</small>	<input type="text" value="ak....."/>	<input type="text" value=""/>	Edit Across Sites
<small>(String)</small>	<small>The API Key of imgix account</small>		
<small>The API Key of imgix account</small>			
imgix Page Designer Default Params <small>(imgixDefaultParams)</small>	<input type="text" value="format=auto&w=500&h=800&fit=crop&crop=edges"/>	<input type="text" value=""/>	Edit Across Sites
<small>(String)</small>	<small>imgix Default Params to be set for images rendered using the Page Designer integration</small>		
<small>imgix Default Params to be set for images rendered using the Page Designer integration</small>			
Enable Product Image Integration <small>(imgixEnableProductImageProxy)</small>	<input type="text" value="Yes"/>	<input type="text" value="Yes"/>	Edit Across Sites
<small>Default: Enabled. Enables/disables proxying product images with imgix.</small>	<small>Default: Enabled. Enables/disables proxying product images with imgix.</small>		
<small>imgix Default Params to be set for images rendered using the Product Image integration</small>			
imgix Base URL <small>(imgixBaseUrl)</small>	<input type="text" value="https://foobar-sandbox.imgix.net"/>	<input type="text" value=""/>	Edit Across Sites
<small>(String)</small>	<small>Include Protocol Eg: http:// or https://</small>		
<small>Include Protocol Eg: http:// or https://</small>			
imgix Product Default Params <small>(imgixProductDefaultParams)</small>	<input type="text" value="format=auto&w=500&h=800&fit=crop&crop=edges"/>	<input type="text" value=""/>	Edit Across Sites
<small>(String)</small>	<small>imgix Default Params to be set for images rendered using the Product Image integration</small>		
<small>imgix Default Params to be set for images rendered using the Product Image integration</small>			

Setup the imgix B2C Commerce Cloud extension

First, in the extension settings, enter your imgix API key. To do this, click on the extension icon and then clicking *Options*. Once inside the options modal, enter your API key and click *Save*.



Note: You'll need to find your imgix account-specific [API key](#). To create a key, navigate to the [API Keys view](#) in your Dashboard. If you don't already have an account, look at the Create an imgix account section of this guide.

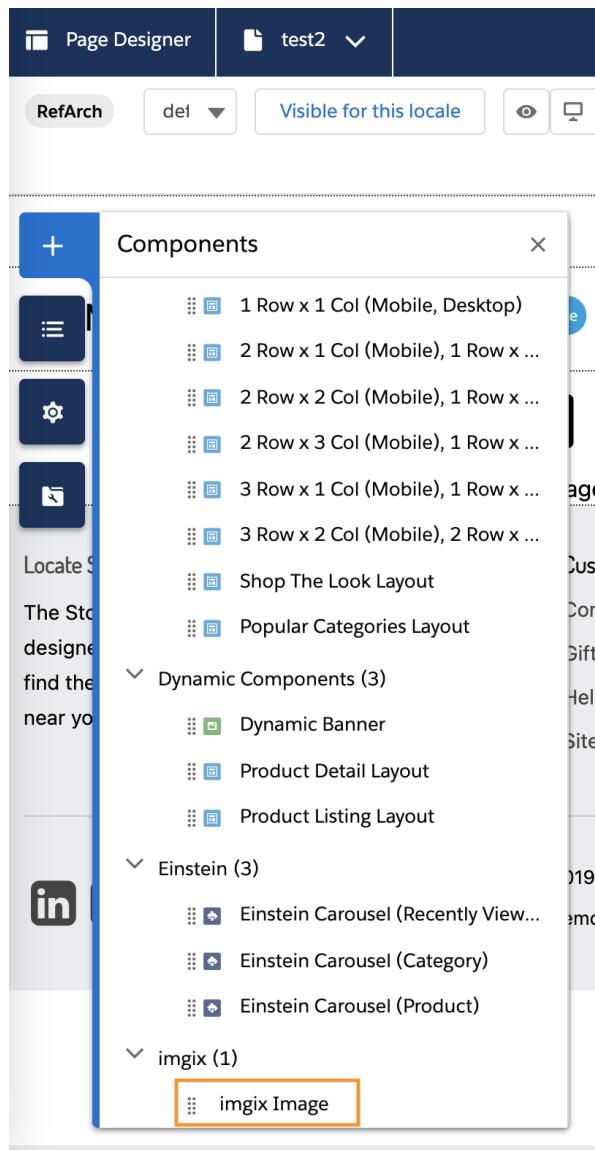


Verifying that the installation was successful

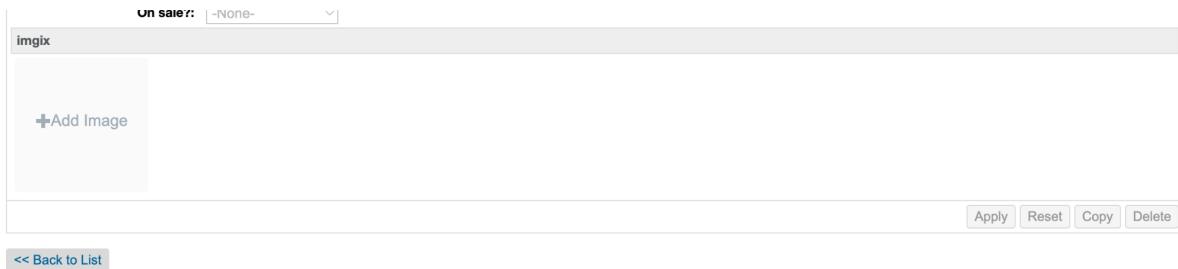
To verify that the Page Designer Integration installation was successful, first, navigate to the Page Designer (Merchant Tools > Content > Page Designer) and select any page. Then,

verify that “imgix Image” exists in the component dropdown. If yes, you’re all set. If not, then please review the previous steps carefully, ensuring that:

- the correct site has been configured
- the cartridge path for **both** the relevant site **and** the Business Manager was set correctly
- the metadata was imported correctly
- the cartridges were uploaded correctly
- the correct code deployment version with the imgix cartridges is selected



To verify the Chrome extension installation was successful, browse to **Merchant Tools > Products and Catalogs > Products** and select any product. Then, browse toward the bottom of the page until you reach the imgix section. If you see the “Add image” button the extension was successfully installed.

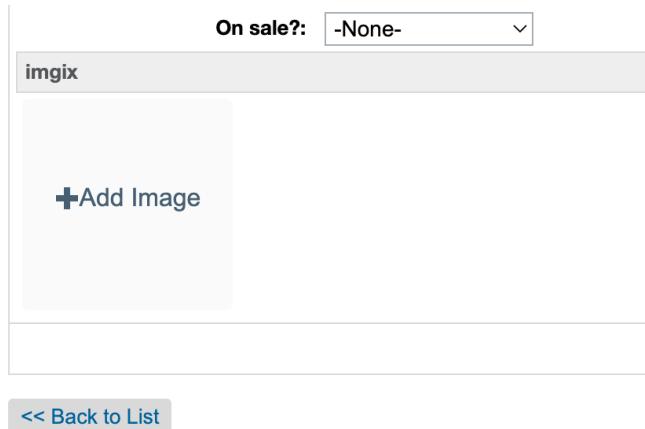


To verify the Product Image Integration was installed successfully, browse to **Merchant Tools > Products and Catalogs > Products** and select any product. Then, click on “Lock” to unlock the Product for editing.

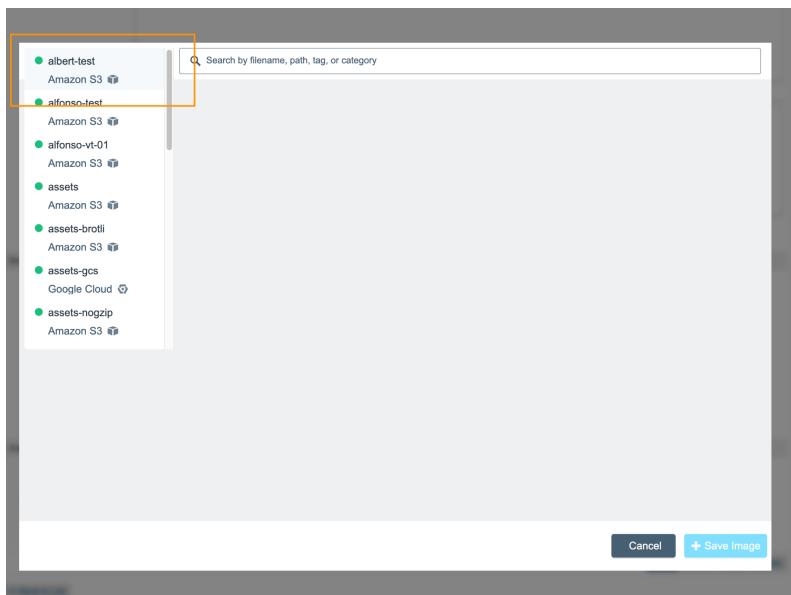
 You haven't locked this product for editing. Click [Lock](#) if you need to edit the product.

 You've locked this product for editing. Click [Unlock](#) to release. The lock expires in 0 hour(s) 59 minute(s) 59 second(s).

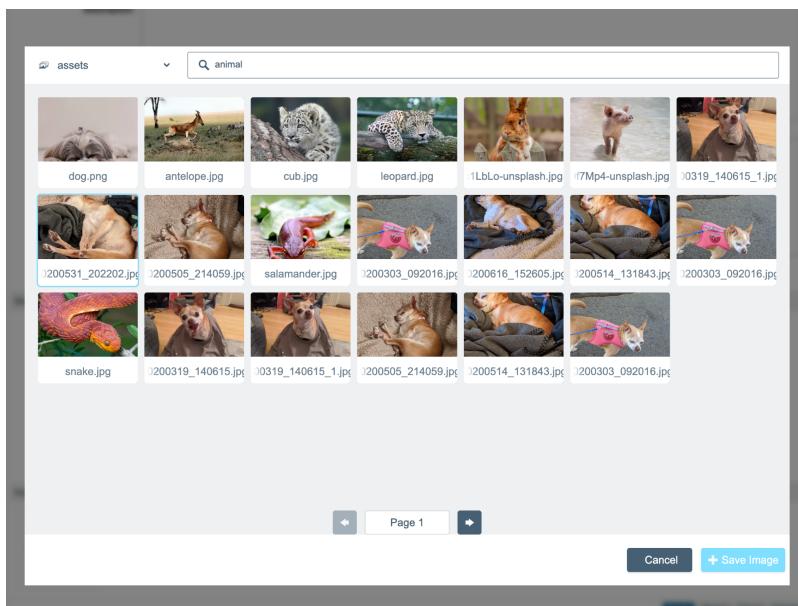
Once unlocked, browse toward the bottom of the page until you reach the imgix section. There, click on “Add Image” and select an image.



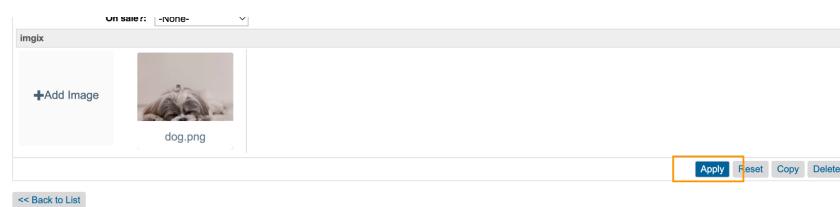
The Image Manager modal will open. Select a source from the dropdown.



Then select an image and click, “Save Image”



The Image Manager modal will close and you should see your image in the *imgix* custom attribute field. To apply the change, click “apply”.



If your changes are saved, we can move on to continue verifying the installation. Otherwise, re-read the installation instructions or reach out to support for help.

Once your changes are saved, go to your storefront page and ensure the image is displaying the product you edited earlier.



Alternatively, you can also verify the change took place by pressing the *Preview* button for the product in **Merchant Tools > Products and Catalogs > Products**.

Product Search									Simple	Advanced	By ID
Name or ID:			Find	Catalog	Color	Refinement Color	Type	Status	View		
Select All	ID	Name									
<input type="checkbox"/>	008884303989M	Platinum Blue Stripes Easy Care Fitted Shirt [Color : White / Size : 10]		Apparel Master Catalog	JJV61XX	White	Variation Product	  			

Usage Guide

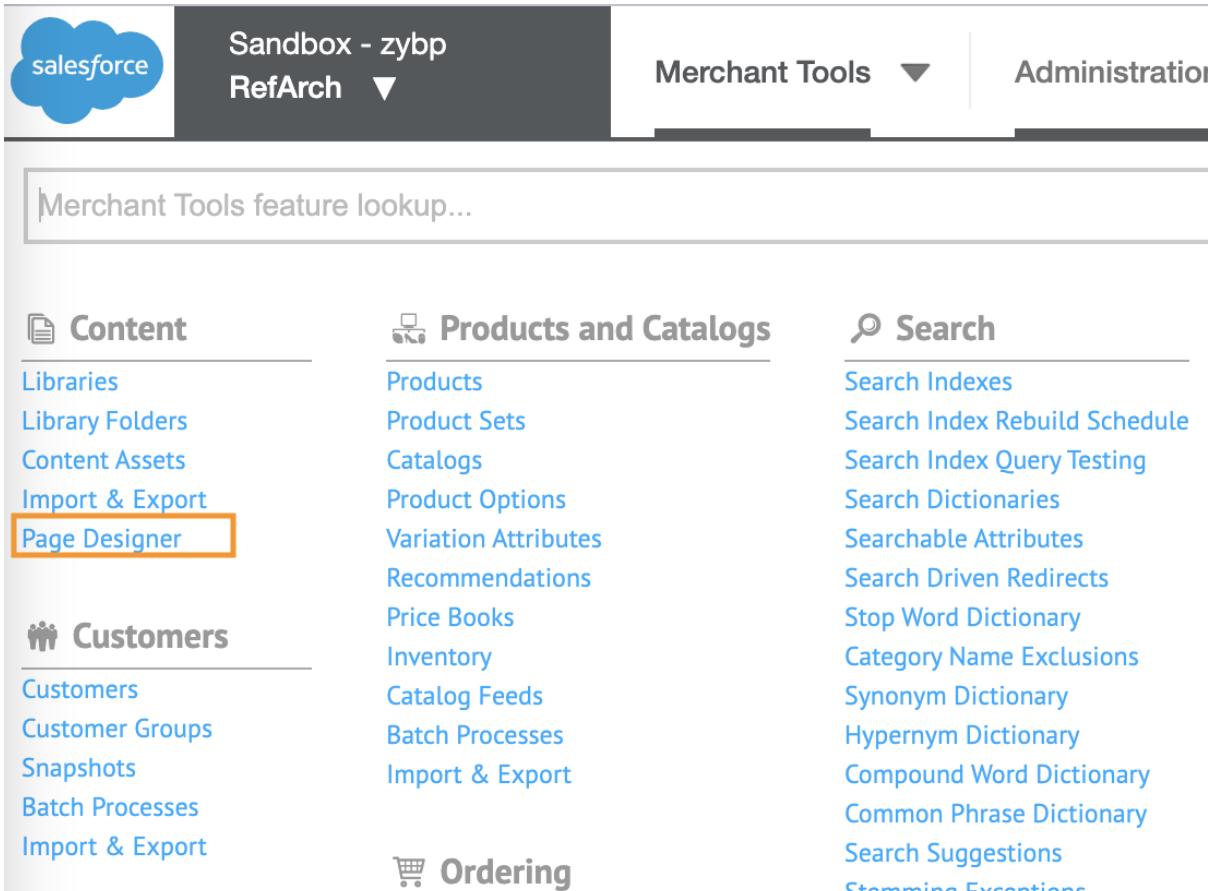
Access imgix Image Manager through Page Designer

Before you access the imgix Image Manager in the Page Designer, ensure you've followed the installation steps for adding the imgix LINK cartridge and API keys.

To open the imgix Image Manager in a Page Designer page, you need to add the imgix Image component.

Add the Page Designer imgix Image Component

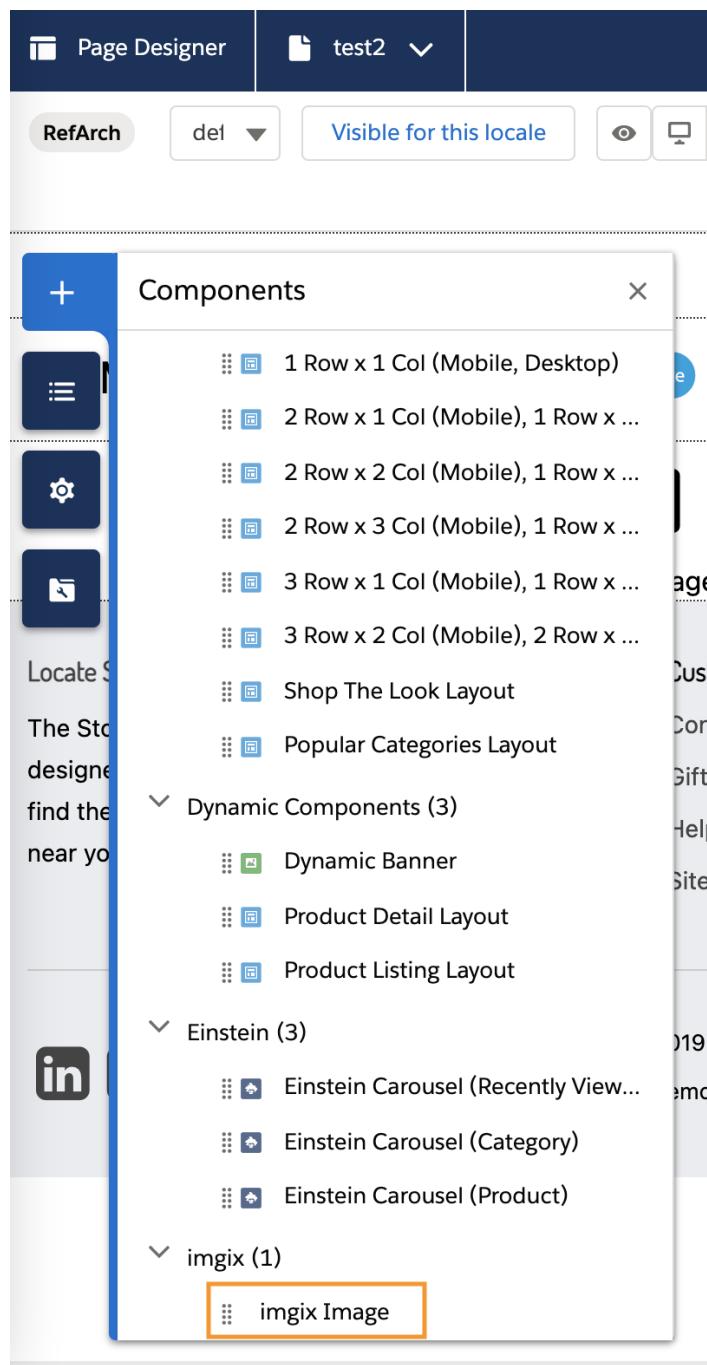
Go to Merchant Tools > Content > Page Designer and select or create a Page Designer page.



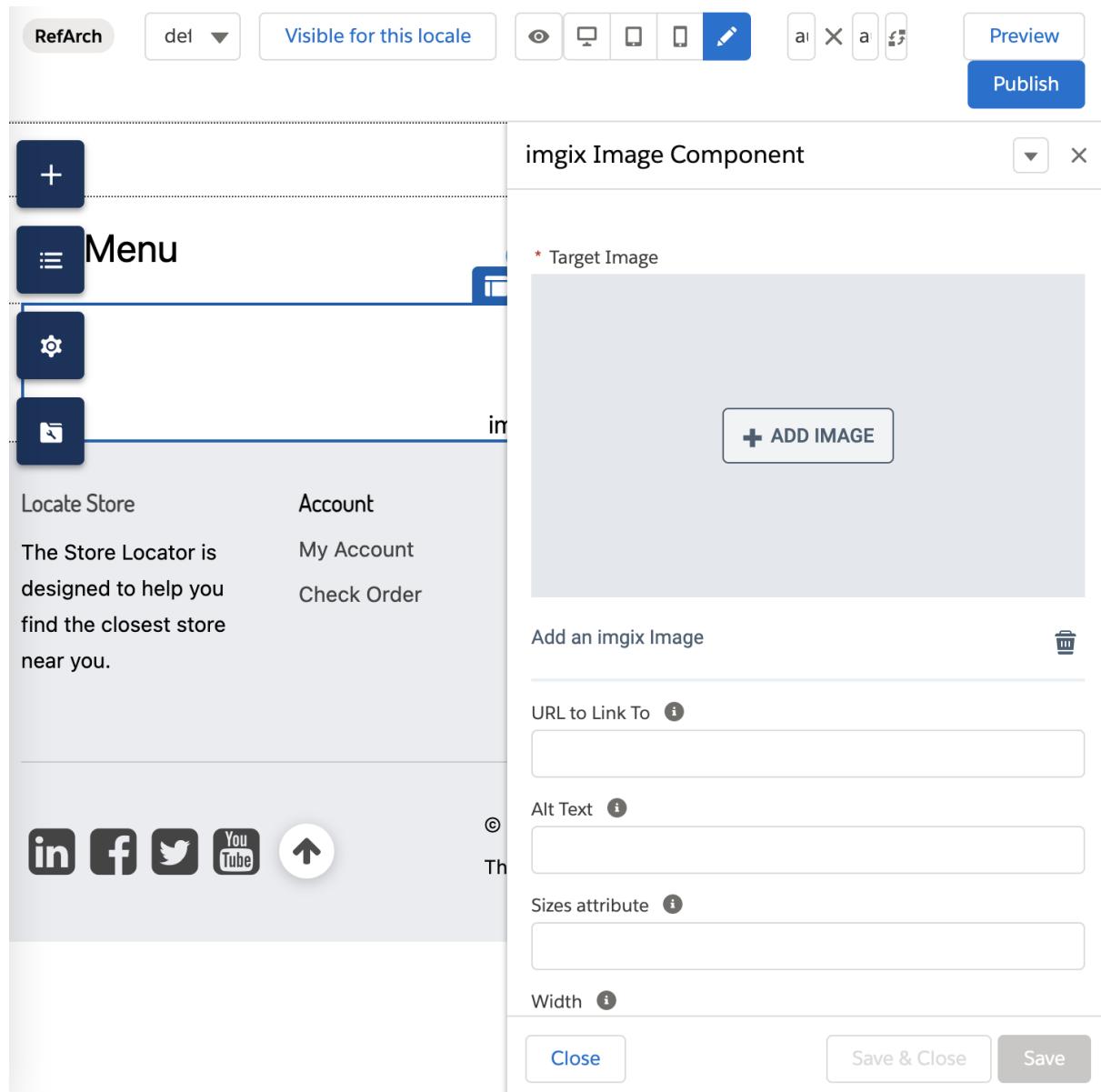
The screenshot shows the Salesforce Merchant Tools interface. At the top, there's a navigation bar with the Salesforce logo, the workspace name "Sandbox - zybp RefArch", and dropdown menus for "Merchant Tools" and "Administration". Below the header, a search bar contains the placeholder text "Merchant Tools feature lookup...". The main content area is divided into several sections:

- Content** (highlighted with an orange border):
 - Libraries
 - Library Folders
 - Content Assets
 - Import & Export
 - Page Designer** (highlighted with an orange border)
- Customers**:
 - Customers
 - Customer Groups
 - Snapshots
 - Batch Processes
 - Import & Export
- Products and Catalogs**:
 - Products
 - Product Sets
 - Catalogs
 - Product Options
 - Variation Attributes
 - Recommendations
 - Price Books
 - Inventory
 - Catalog Feeds
 - Batch Processes
 - Import & Export
- Ordering**:
 - Cart icon
- Search**:
 - Search Indexes
 - Search Index Rebuild Schedule
 - Search Index Query Testing
 - Search Dictionaries
 - Searchable Attributes
 - Search Driven Redirects
 - Stop Word Dictionary
 - Category Name Exclusions
 - Synonym Dictionary
 - Hypernym Dictionary
 - Compound Word Dictionary
 - Common Phrase Dictionary
 - Search Suggestions
 - Stemming Exceptions

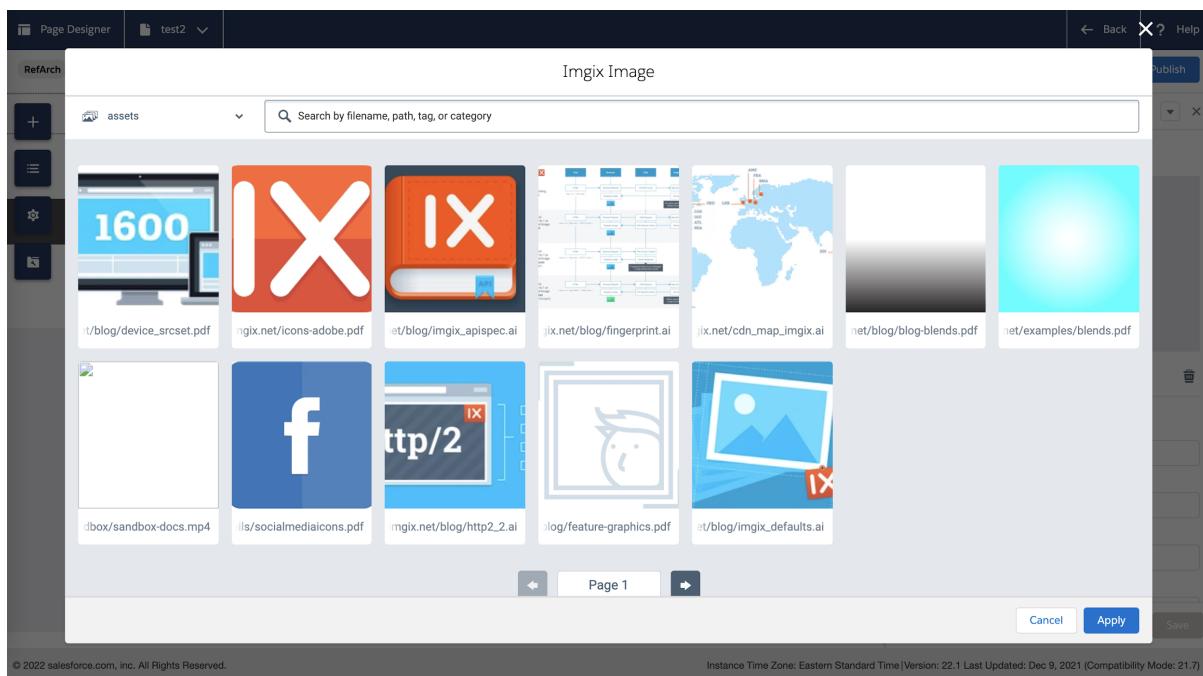
Once on the page, go to Components > imgix > imgix Image and drag it to the page.



Then, click on the imgix image component you just dragged onto the page. This will open the imgix Image Component editor.

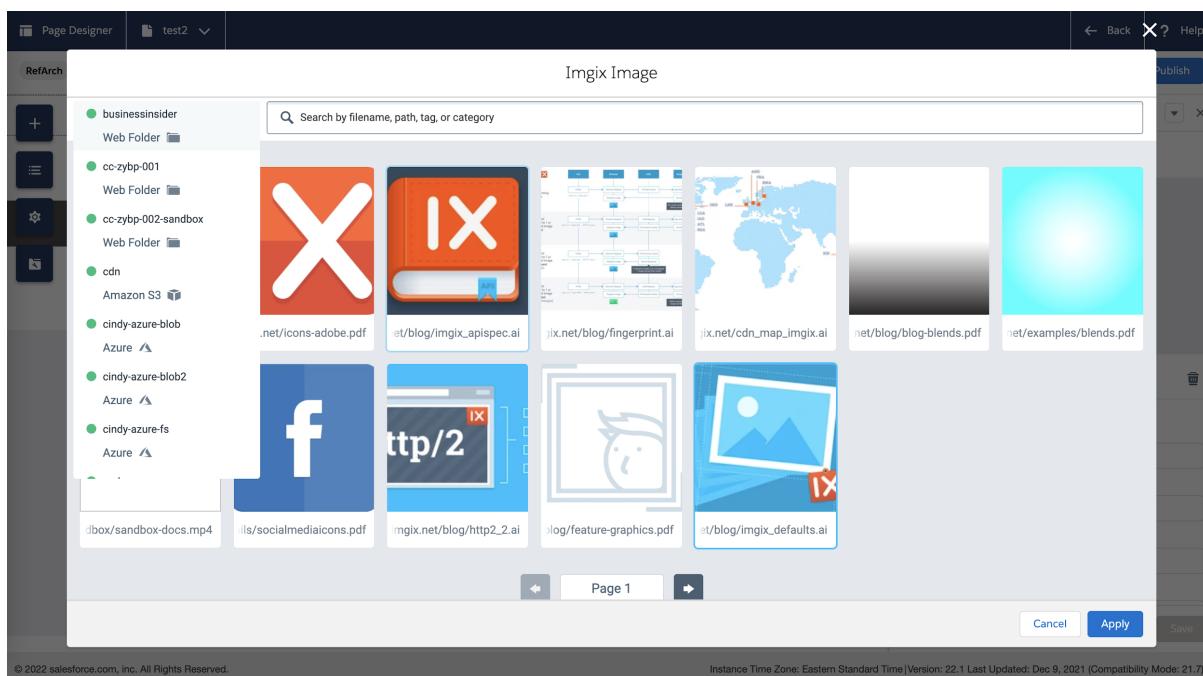


Then, click on Add Image. This will open the imgix Image Manager.



Select your image in Image Manager

The Image Manager automatically selects the first imgix source defined on your account. You can change sources by clicking on the current source to open the source-select dropdown.

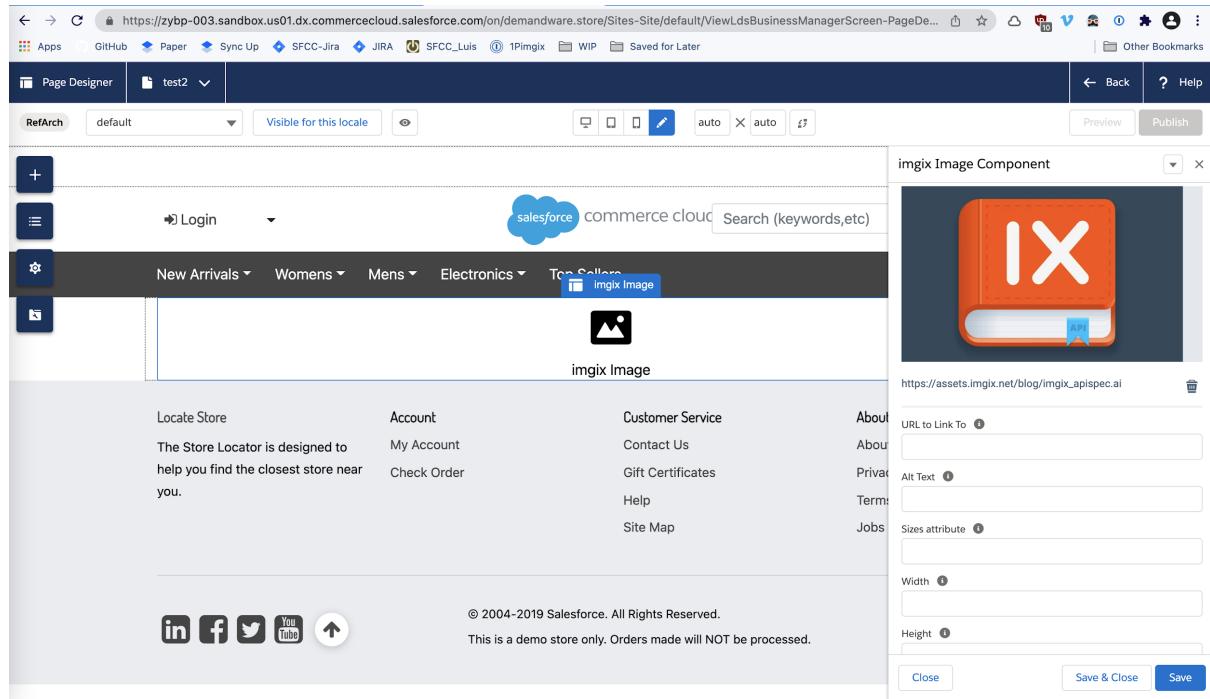


Once you've selected your imgix source, click on the pagination buttons or search for the image you want.

Once you've found the image you need, select it and click **Apply** to apply it as your current selection and close the Image Manager window.

Edit your image in the imgix Image Component editor

You can change/set the image's alt, sizes, width, size, and anchor tag URL attributes. You can also apply the imgix format transformation as either `auto` or `crop`.



Save your changes

To save the image, its attributes, and transformation click **Save**. This closes the **Image Component editor** sidebar and saves the image to the **Page Designer** page.

Integrating product images with imgix

If you have configured an imgix Base URL in your site preferences, then you are ready to integrate your product images with imgix. This integration works with product images by overriding the information that the SFRA models return. Therefore, once you have configured an imgix Base URL, your product images should already be proxied through imgix automatically. You can verify this by inspecting a product image on your storefront, and seeing that the URL should begin with your imgix source.

```
dwrPipelineURL= http://localhost:10000/carter-/app_storefront-base/cartridge/controllers/Product.js&#038;start=show
 == $0
</a>
```

Use the imgix Chrome extension to select product images

If you have the imgix chrome extension installed, you can use it to select and set your product images using the imgix Image Manager.

After you've followed the installation instruction above, browse to a product you'd like to set imgix images on. This can be a master or a variation product.

[Merchant Tools](#) > [Products and Catalogs](#) > Products

RefArch - Products

Select **Simple** to search for products by ID or name, **Advanced** to specify more search fields and sorting criteria, or **By ID** to display a list of product IDs.

Simple searches are case-sensitive. You can use an asterisk ("") to find matching strings. A wildcard search is also possible (e.g., "Fo", "Fo", "Fo")

See [Product Preferences](#) to add columns to this page and all other product lists.

Product Search									Simple	Advanced	By ID	
Name or ID:			Find	Catalog	Color	Refinement Color	Type	Status	View			
Select All	ID	Name										
<input type="checkbox"/>	008884303989M	Platinum Blue Stripes Easy Care Fitted Shirt [Color : White / Size : 10]		Apparel Master Catalog	JJV61XX	White	Variation Product					

In this example, we'll be editing a variation product.

Once you've selected the product, in our case the *Platinum Blue Stripes Easy Care Fitted Shirt*, make sure you "unlock" it to enable editing its attributes.

[Merchant Tools](#) > [Products and Catalogs](#) > [Products](#) > 008884303989M - General

[General](#) Options Variations Pricing Inventory Categories Links Recommendations Bundles Product Sets Active Data Page Meta Tag Rules

<008884303989M>

You haven't locked this product for editing. Click [Lock](#) if you need to edit the product.

Click Lock at the top of the page to edit this product. Click Apply to save changes. Click Reset to revert to the last saved state. Once you've completed the edits, click Unlock to release the product lock. To edit data in other languages, use the Select Language drop-down to define in which language you're viewing your data. Fields with a red asterisk (*) are mandatory.

Select Language: Default

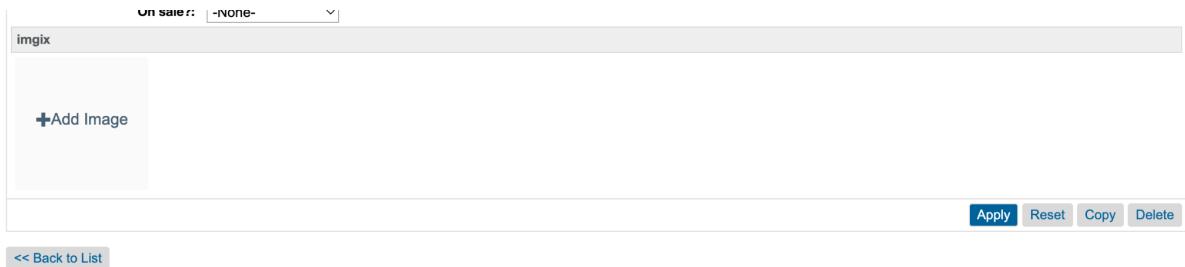
Apply Reset Copy Delete

ID: * 008884303989M

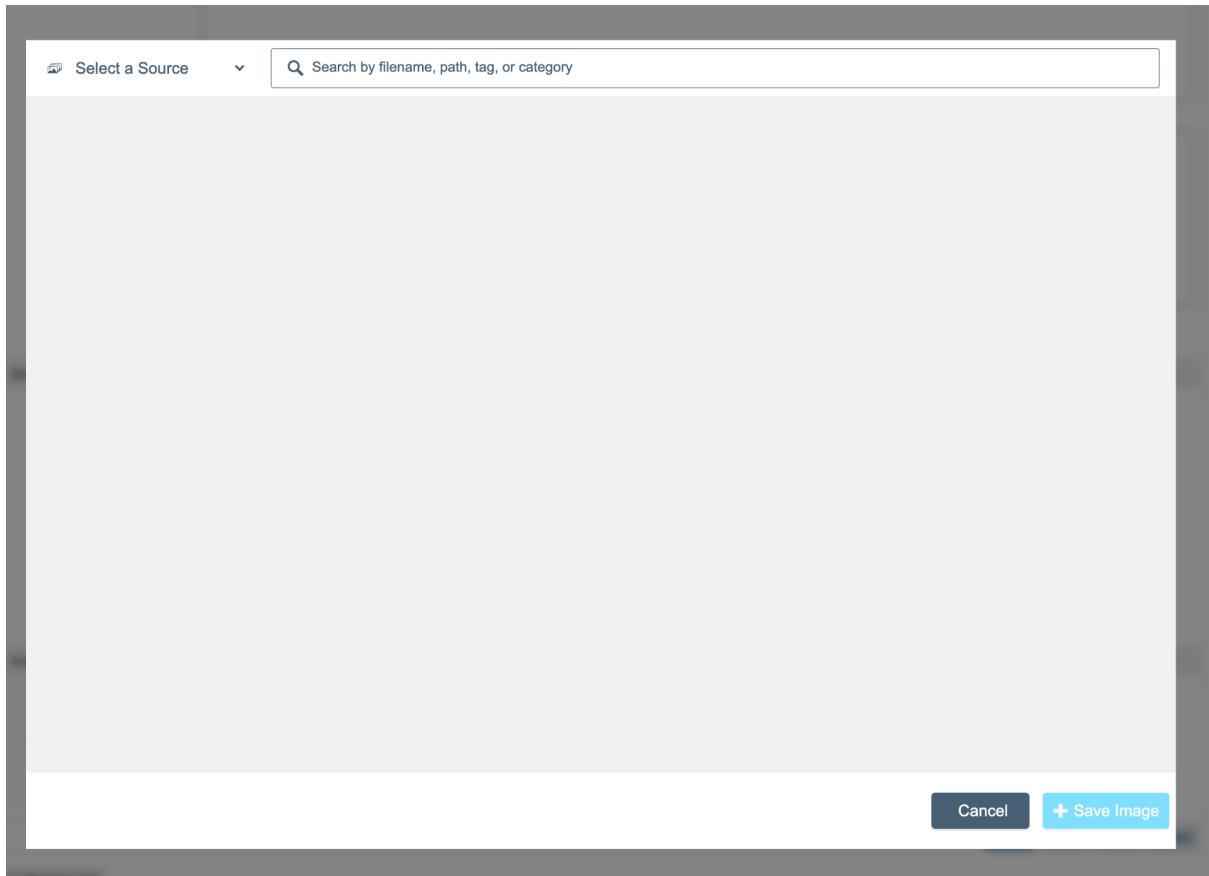
Once you've unlocked it, the banner near the top should update with a green checkmark and you can begin making changes. Note that Salesforce CommerceCloud does not allow multiple users to be editing the same product at the same time.

You've locked this product for editing. Click [Unlock](#) to release. The lock expires in 0 hour(s) 59 minute(s) 59 second(s).

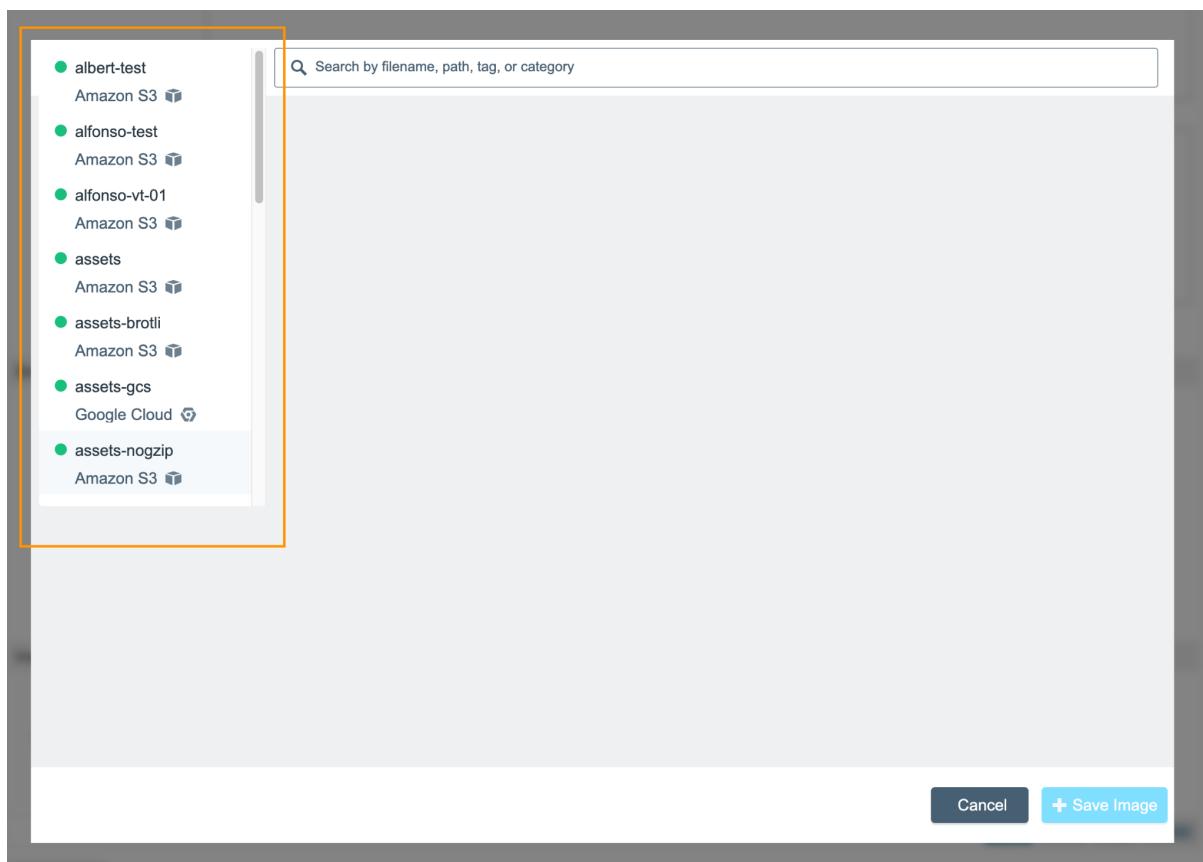
Scroll to nearly to the bottom of the page and you'll find the imgix custom attributes section.



This is where we'll set the products imgix images. To select an image, click on “Add Image”. This will open the Image Manager modal.

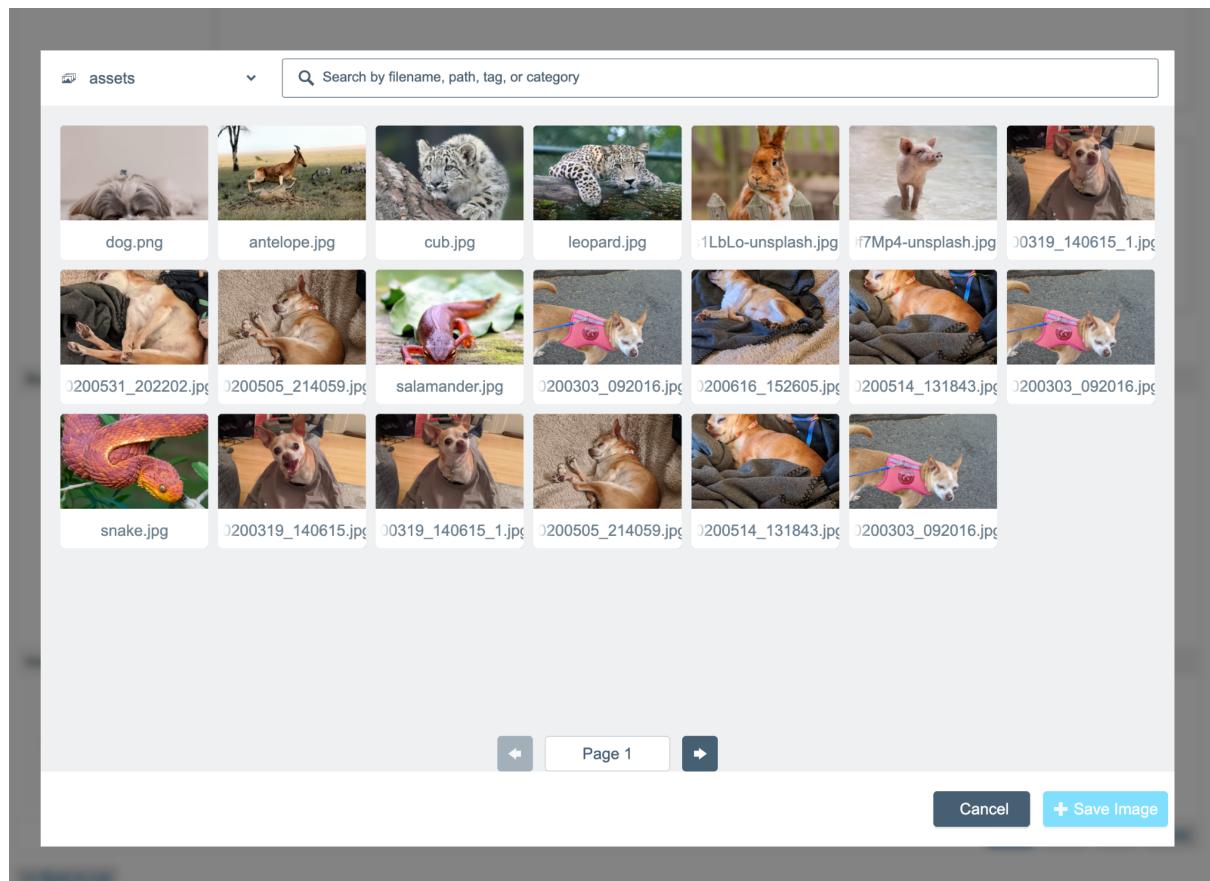


Once the modal is open, click on “Select a Source” and select an inmgix source from the sources dropdown list.

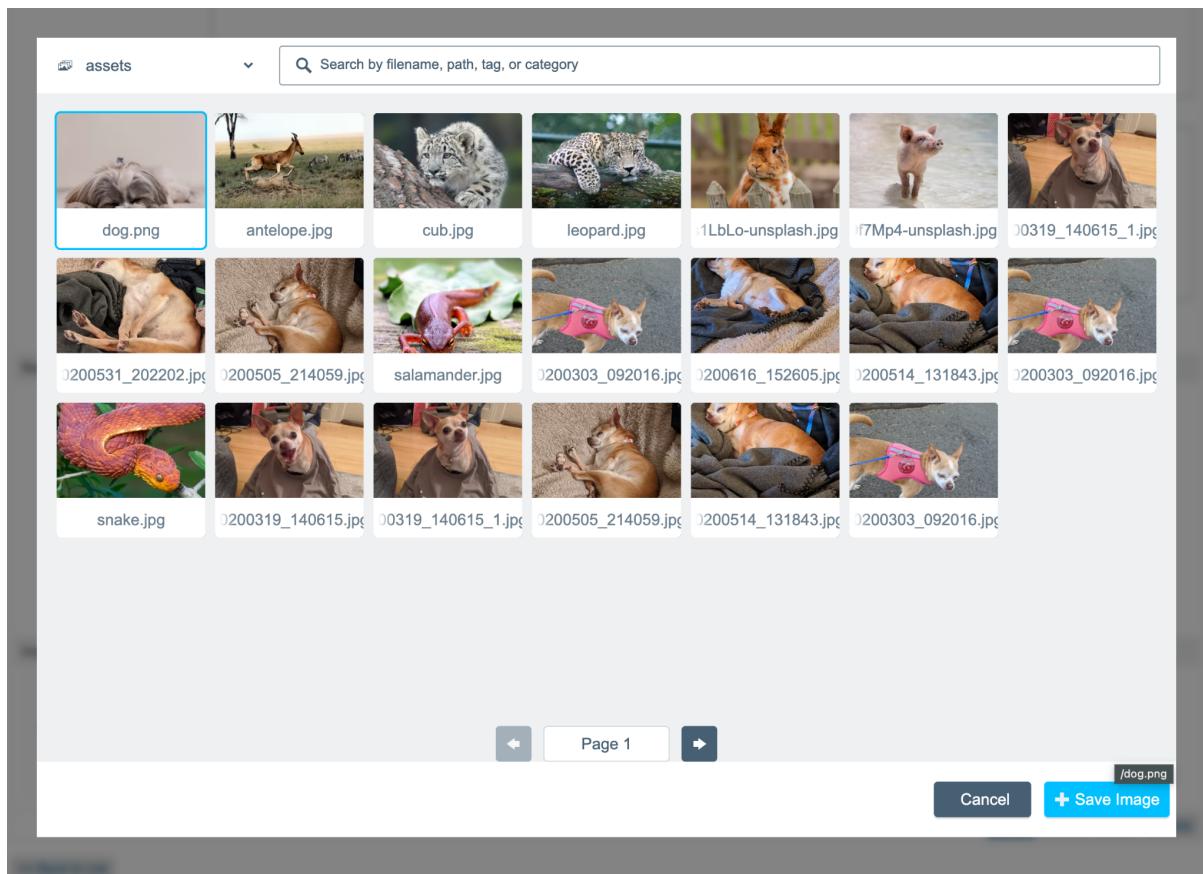


Any sources associated with your imgix account that are deployed will appear here.

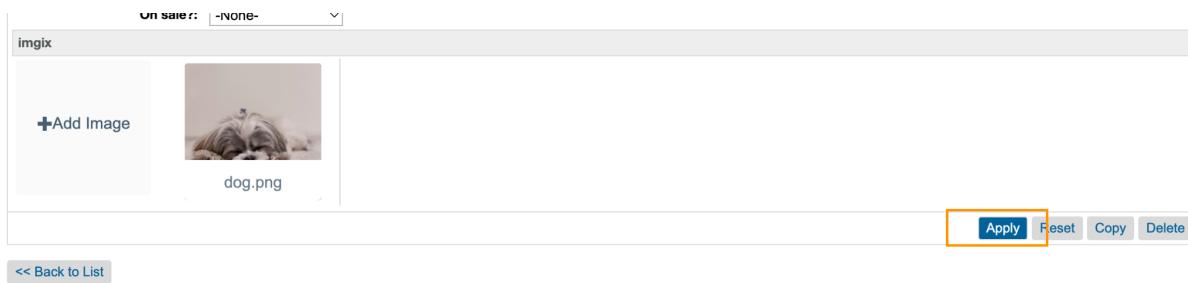
Once you've made a selection, the sources images will render. You can use the paginations buttons to browse the images or use the search bar to try to find a specific image.



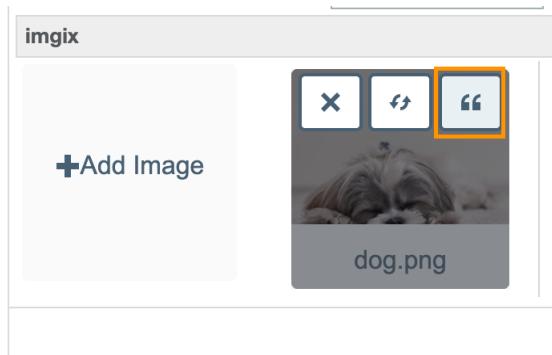
Once you've found the image you want, select it and click on “Save Image”. This will set your selection and close the modal.



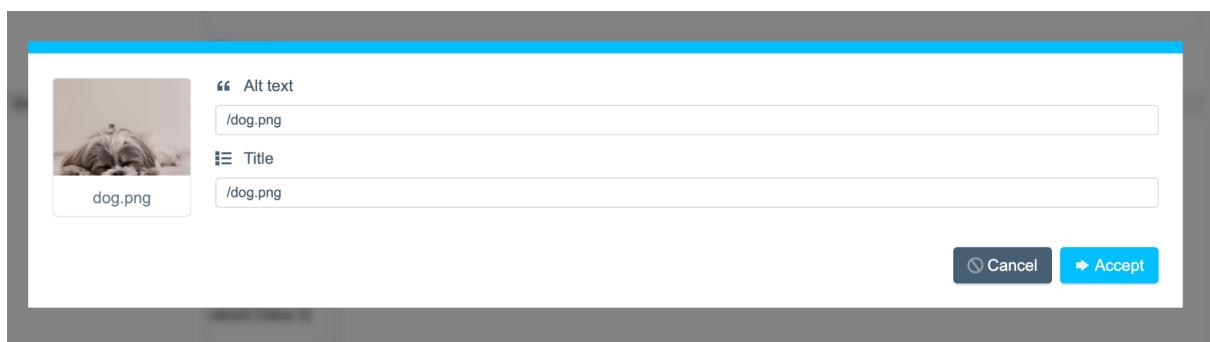
In order to **save** your changes, you then click “apply” at the bottom right hand corner of the Products attributes section, just like you would for saving any other Product attribute changes.



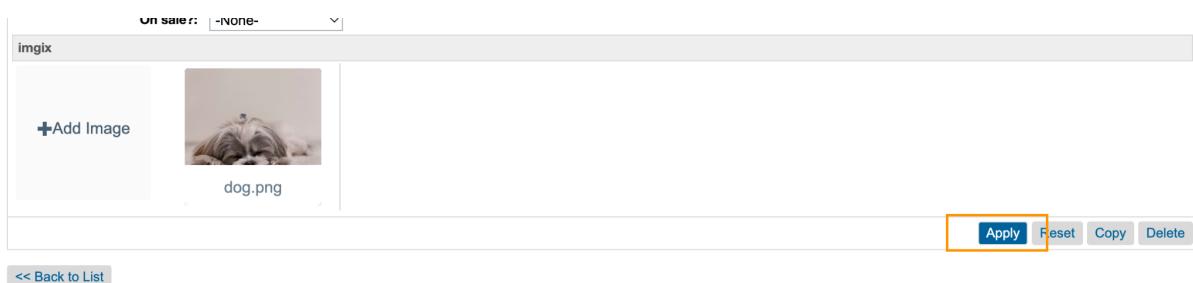
The image will default its “alt” and “title” attributes to the image’s filename. To change this, click of the “attributes” icon on the image.



This will open the attributes modal. In the attributes modal, change the alt and title attribute values to whatever you need. Then, so set these changes, click “Accept”.



Finally, ensure you click “Apply” as you would normally to save these changes to the Product attributes.



To see the changes you've made the product images so far, you can click the *Preview* button for the product in ***Merchant Tools > Products and Catalogs > Products***.

Advanced product images integration

Adding srcsets to product images

Srcset is a modern image attribute to help browsers choose the appropriate image based on browser attributes, e.g. size or device pixel ratio. The imgix Salesforce integration can help you easily add the correct value to your images.

For fixed-width or height images, in your ISML templates, you might have the following:

```

```

To add srcsets to this image, you need to generate a srcset in the corresponding component file

```
var ImageSDK =  
require("int_imgix_products_sfra/cartridge/scripts/imgix/imgix");  
  
// productComponent.js  
module.exports.render = function (context, modelIn) {  
  const model = modelIn || new HashMap();  
  const content = context.content;  
  
  const product = ...; // pull product from product data  
  
  model.image_src = product.images.medium[0].url;  
  model.image_src = product.images.medium[0].alt;  
  model.image_srcset = ImgixSDK.buildSrcSet(model.image_src);  
  
  return new Template("...").render(model).text;  
};
```

Then in your ISML template, update the ISML to the following:

```

```

This will generate HTML such as the following

```

```

This means that for users with 2x devices, images will load at 2x resolution (2 x the requested width and height), so the images will look sharper on the higher-resolution displays.

For images that resize with the browser width, you will also need to set the sizes attribute on the image, as so:

```

```

For more information on how to set the sizes attribute, see this [blog post](#). For more information about srcset and sizes overall, see [Eric Portis's great blog post](#).

Using the imgix SDK to set custom imgix attributes on images

If you would like even more finer control over image generation, you can use the imgix SDK to generate custom imgix URLs with whatever parameters you would like. The imgix products model exposes a rawURL attribute that can be used to generate custom URLs.

The raw url has no imgix attributes applied to it, so you can safely apply your own parameters without them clashing with the parameters that are applied to small, medium, and large images.

```
var ImageSDK =
require("int_imgix_products_sfra/cartridge/scripts/imgix/imgix");

// productComponent.js
module.exports.render = function (context, modelIn) {
  const model = modelIn || new HashMap();
  const content = context.content;

  const product = ...; // pull product from product data
  const productURL = product.images.rawURL;
  const imgixParams = {
    fit: 'crop',
    crop: 'faces,entropy',
    txt: 'Hello World!'
  };
  model.image_src = ImgixSDK.buildURL(productURL, imgixParams);
  model.image_srcset = ImgixSDK.buildSrcSet(productURL,
  imgixParams);

  return new Template("...").render(model).text;
};
```

API documentation for the buildURL and buildSrcSet functions can be found in the [@imgix/js-core documentation](#).

Failover/Recovery process

For information on the status of imgix services, please see our service status page (<https://status.imgix.com/>). Users can subscribe to service status updates for real-time changes.

In the event of an outage, any images cache on the CDN edge will continue to serve images that were previously requested via imgix. However, images that are requested for the first time during an incident will not be successfully served. Once an outage is resolved, image delivery should resume without direct action needed from the user. As a course of remediation, users may also choose to disable the imgix cartridge during an outage and pass images through in the default method.

In the situation where errors persist, please contact the imgix support team (support@imgix.com) for further assistance.

Specifications

imgix Cartridges Version

22.1.0

Locales

The imgix LINK cartridge is currently only explicitly supported in English storefronts.

Compatibility mode

21.7+

SFRA version

6.0.0

Support

Please contact our support team (support@imgix.com) for any issues with the cartridge or imgix's service.